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Director-
Federal Regulatory

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Federal Communications Commission
Office of Secretary

Ex Parte

Mr. William F. Caton
Acting Secretary
Federal Communications Commission
1919 M Street, N.W.
Room 222
Washington, D.C. 20554

Re: Local Telephone Number Portability, CC Docket No. 95-116

Dear Mr. Caton:

In accordance with Commission rules, please be advised that yesterday Gary Fleming, Frank Meeks, Marilyn Murdock, Suzanne Adams and the undersigned, representing Southwestern Bell Telephone Company ("SWBT"), met with Neil Fried and Christopher Barnekov of the Competitive Pricing Division to discuss issues associated with the above-referenced docket.

Please do not hesitate to contact me at (202) 326-8890 if you have any questions.

Sincerely,

A handwritten signature in black ink, appearing to read "Link Brown", written over a horizontal line.

Link Brown

cc: Mr. Fried
Dr. Barnekov

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**Federal Communications Commission
Office of Secretary**

Cost and Information Flow

Architecture Planning & Engineering

- Development of technical requirements
- Inter-industry development of operational processes
- Vendor selection

Databases (software, hardware)

- Number Portability Administrative Center (NPAC)
- Local Service Management System (LSMS)
- Intelligent Service Control Points (ISCPs)

Switching/Signaling Components (software, hardware)

- Switches
- SS7 Links
- Signaling Transfer Points (STP)
- Operator Service Switches

Systems (software, hardware)

- Inter-/intra-company Ordering
- Inter-/intra-company Provisioning
- Inter-/intra-company Service Assurance
- Inter-/intra-company Billing
- Line Information Database (LIDB)

Deployment Planning and Implementation

- Intra-company deployment schedule
- Intra-company M/Ps for ordering, provisioning, service assurance, billing
- Systems, Database, Network installation - software/hardware
- Intra-company testing
- Intercompany testing
- Training for new M/Ps
- Turn up

Post Implementation Operation

Ordering

- New service provider (NSP) to old service provider (OSP)
- NSP to NPAC
- OSP to NPAC

Provisioning

- Physical work - OSP
- Physical work - NSP
- Switch translations - OSP
- Switch translations - NSP
- Database Activation
- Database downloads

Call Processing

- Originating Switch functions
- N-1 Carrier functions (database query)
- Terminating Switch functions
- Unbundled database functions
- Default Traffic

Service Assurance

- Order/provisioning trouble resolution
- NSP/OSP/NPAC repair processes
- Ongoing maintenance

Administration

- NXX introduction/changes
- Audits/Reports
- Software/Hardware upgrades
- Billing

Local Number Portability
Information Flows and Costs

Design and Deployment

*Preparing: Engineering and Planning
Costs identified on p. 4 flow chart*

Type 1 Cost Category - Industry Shared

A. RSMS Administration

1. STP	\$ -
2. SCP	\$
3. Network Adm.	\$
4. Network Operations	\$
5. Links	\$

B. RSMS Transactions

1. NPA-NXX Code Opening	
- LERG	\$
- GTT	\$
- SW/Tandem	\$
2. Service Order	\$
3. Repair Order	\$
4. LSP Manual EDI	\$
5. LNP Auto. EDI	\$
6. Billing/Tracking	\$
7. Links	\$

Local Number Portability
Information Flows and Costs

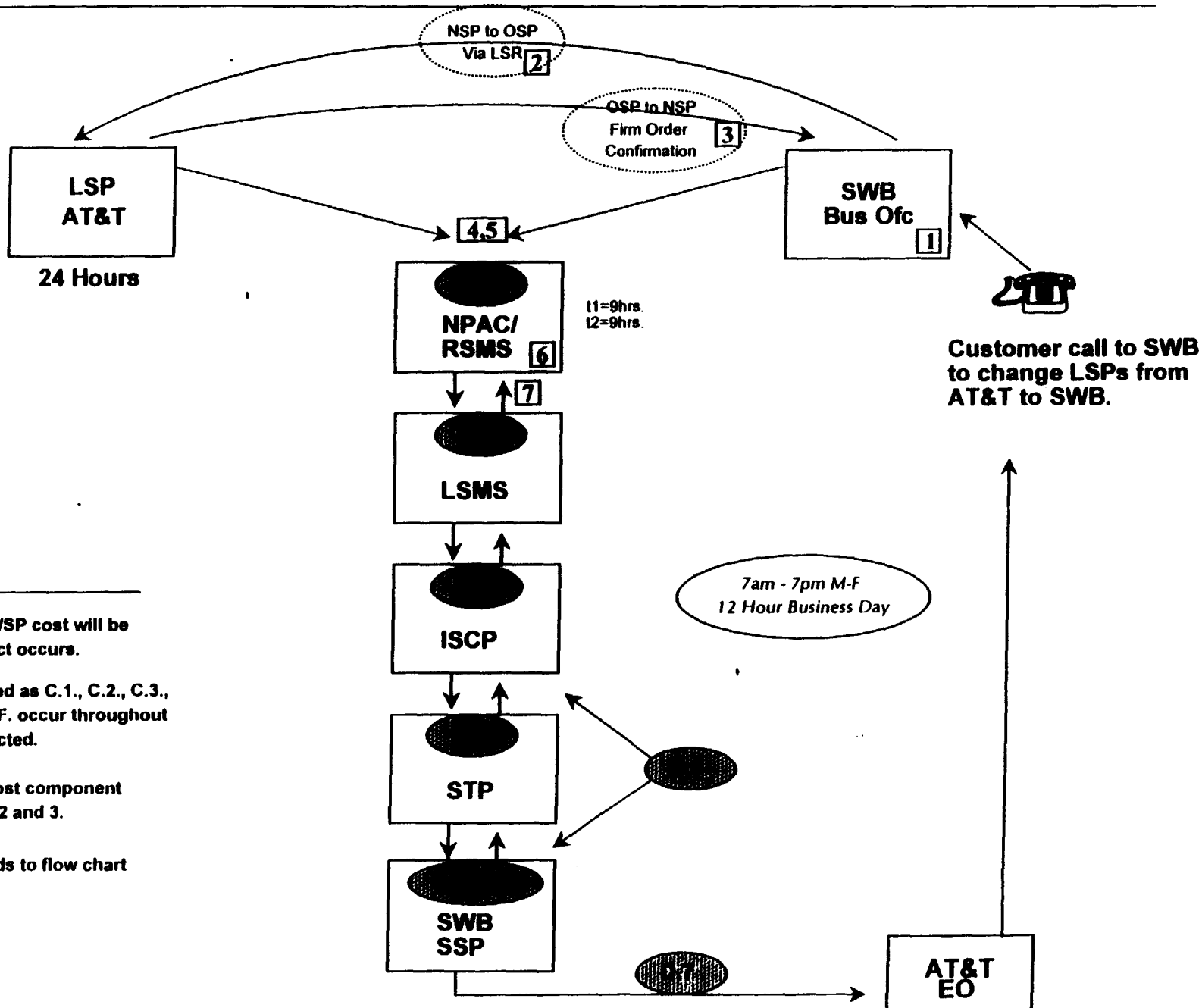
Design and Deployment

Preparing: Engineering and Planning

Costs identified on p. 4 flow chart

Type 2 Cost Category - Carrier Specific-Directly Related to LNP


C.	Operations Support Systems (OSS)	-
	1. Bellcore	\$
	2. Internal	\$
	3. Vendors	\$
	4. LSMS	\$
D.	Network	
	1. End Offices/SSP	\$
	2. Tandems	\$
	3. TOPS/OpSvcs	\$
	4. SS7 Links	\$
	4. STP	\$
	5. ISCP	\$
	7. Trunks	\$
E.	Customer Interface	
	1. Intra/co Testing	\$
	2. Inter/co Testing	\$
	3. 911 Work	\$
	4. DA	\$
	5. White Pages	\$
F.	Methods and Procedures	\$



NOTES:

Additional LSMS/SP cost will be incurred if conflict occurs.

Type 2 costs listed as C.1., C.2., C.3., and all of E. and F. occur throughout the process depicted.

 See cost component list p. 2 and 3.

 Corresponds to flow chart on p. 6.

Local Number Portability
Information Flows and Costs

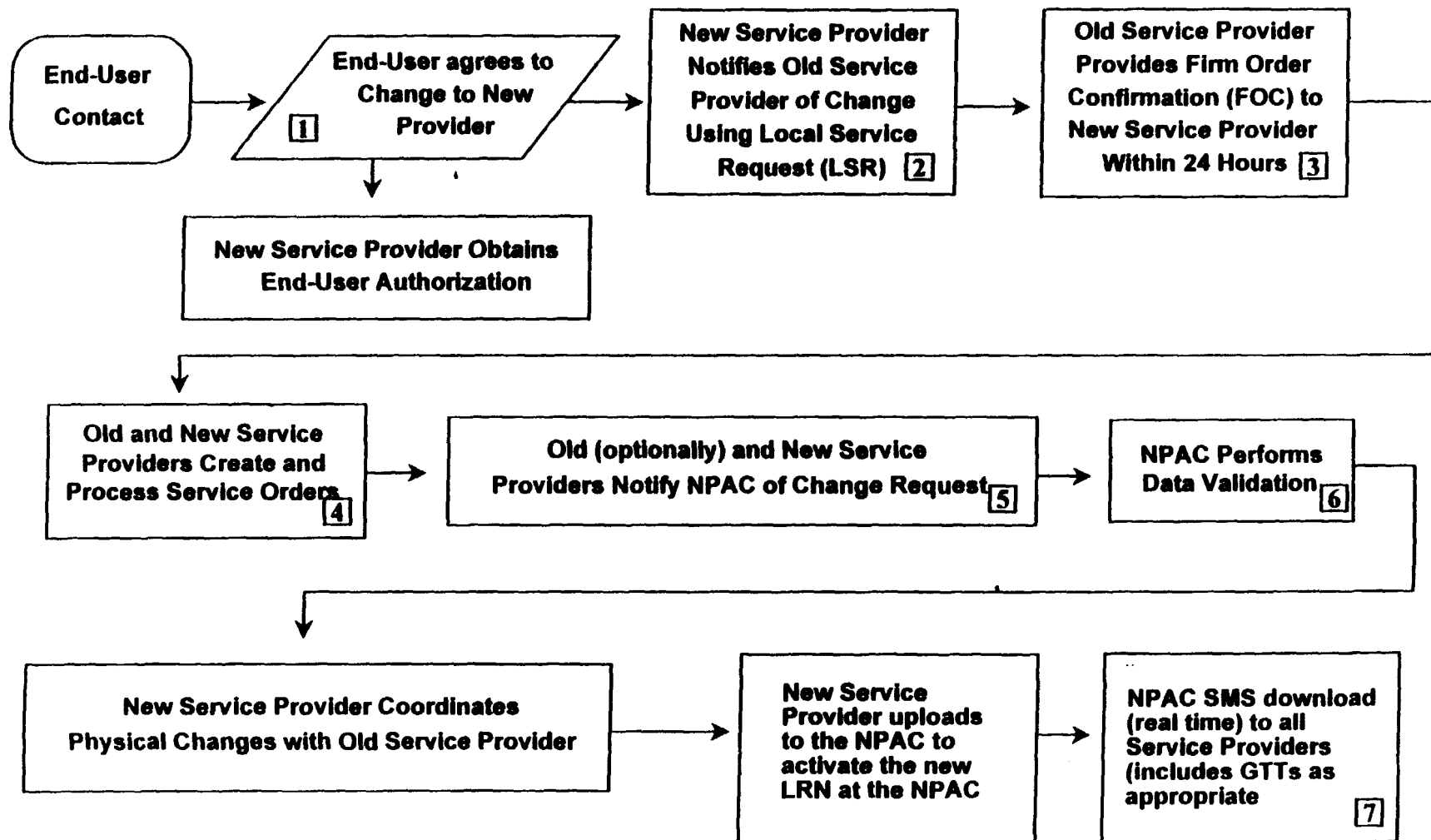
Utilizing LNP
Provisioning Portability Orders

A. Processing an Order (Provisioning flow charts)

(See condensed flow chart on p. 6. Attachment 1 provides the full - draft - version of number portability provisioning flow charts.)

Inter-Service Provider LNP Operations Flows

Provisioning



Routing and Rating Issues

- A. Intercompany functions**
 - 1. Originating switch functions
 - 2. N-1 carrier functions (database query)
 - 3. Terminating switch functions
 - 4. Unbundled database functions
 - 5. Default traffic

- B. Billing and Rating**
 - 1. Rate center issues

- C. Others' Traffic / Queries**
 - 1. Default routing and rating
 - 2. Negotiated routing and rating

Local Number Portability
Information Flows and Costs

Ongoing Operation of LNP

Questions

- A. NPAC Reports / Audits
- B. NXX Introduction / Changes
- C. Software and Hardware Upgrades
- D. Service Assurance
- E. Miscellaneous Ongoing Maintenance

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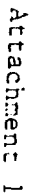


figure 1

INTER-SERVICE PROVIDER LNP OPERATIONS FLOWS - DRAFT -PROVISIONING WITHOUT 10-DIGIT TRIGGER-

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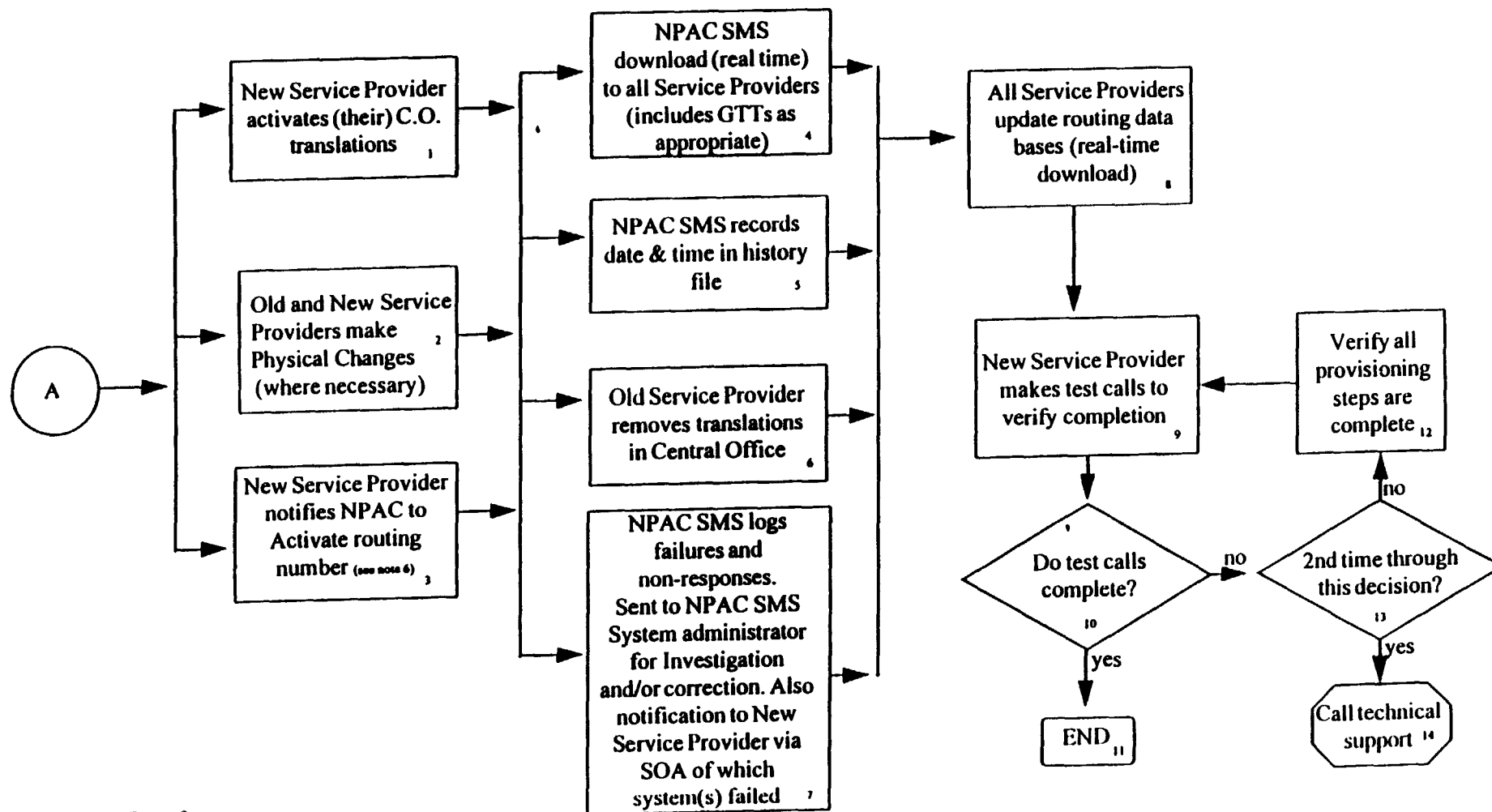


figure 2

INTER-SERVICE PROVIDER LNP OPERATIONS FLOWS - DRAFT **-PROVISIONING WITH 10-DIGIT TRIGGER-**

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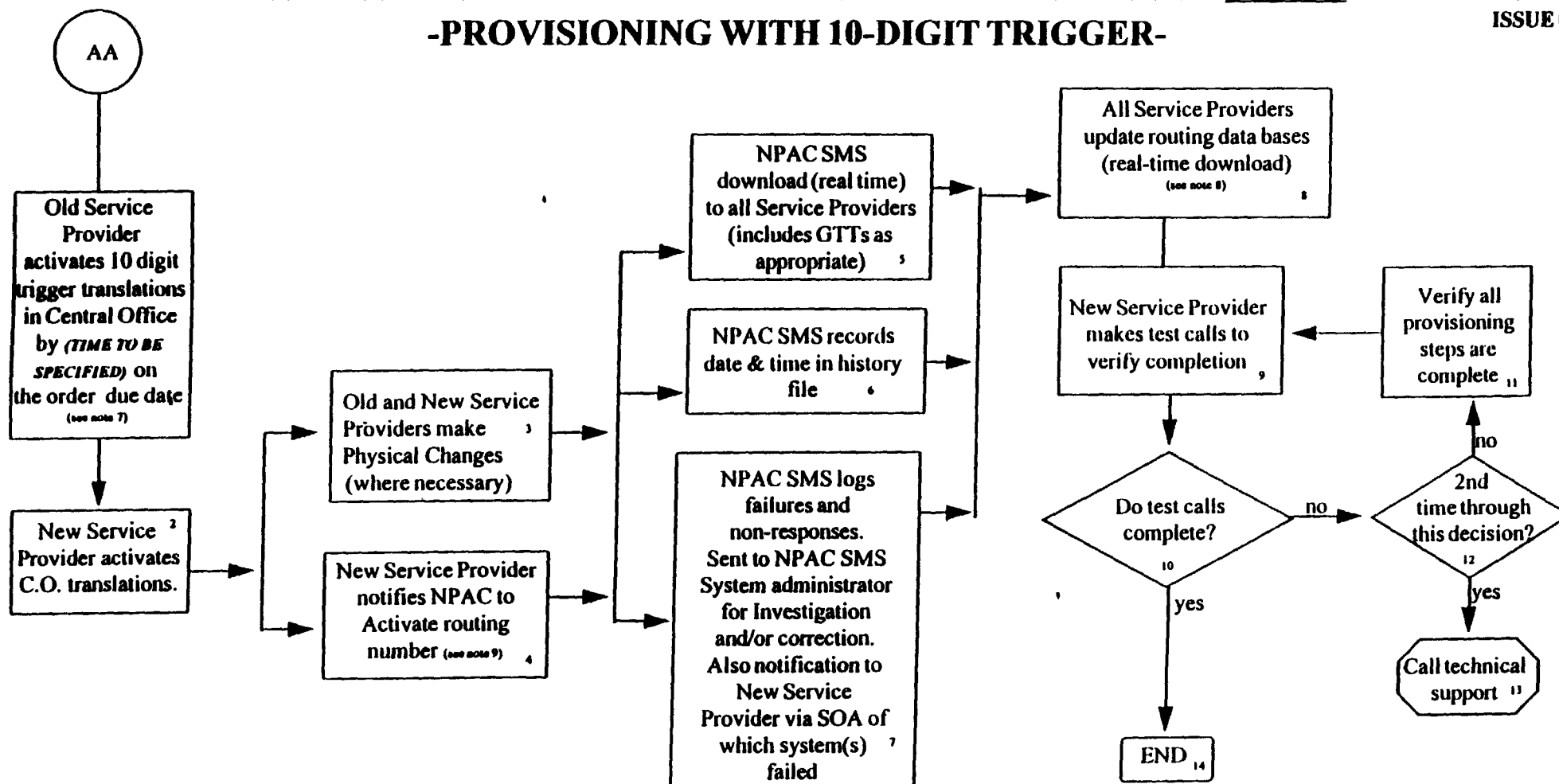


figure 3

INTER-SERVICE PROVIDER LNP OPERATIONS FLOWS - DRAFT

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-CONFLICT FLOW FOR THE SERVICE CREATION PROVISIONING PROCESS-

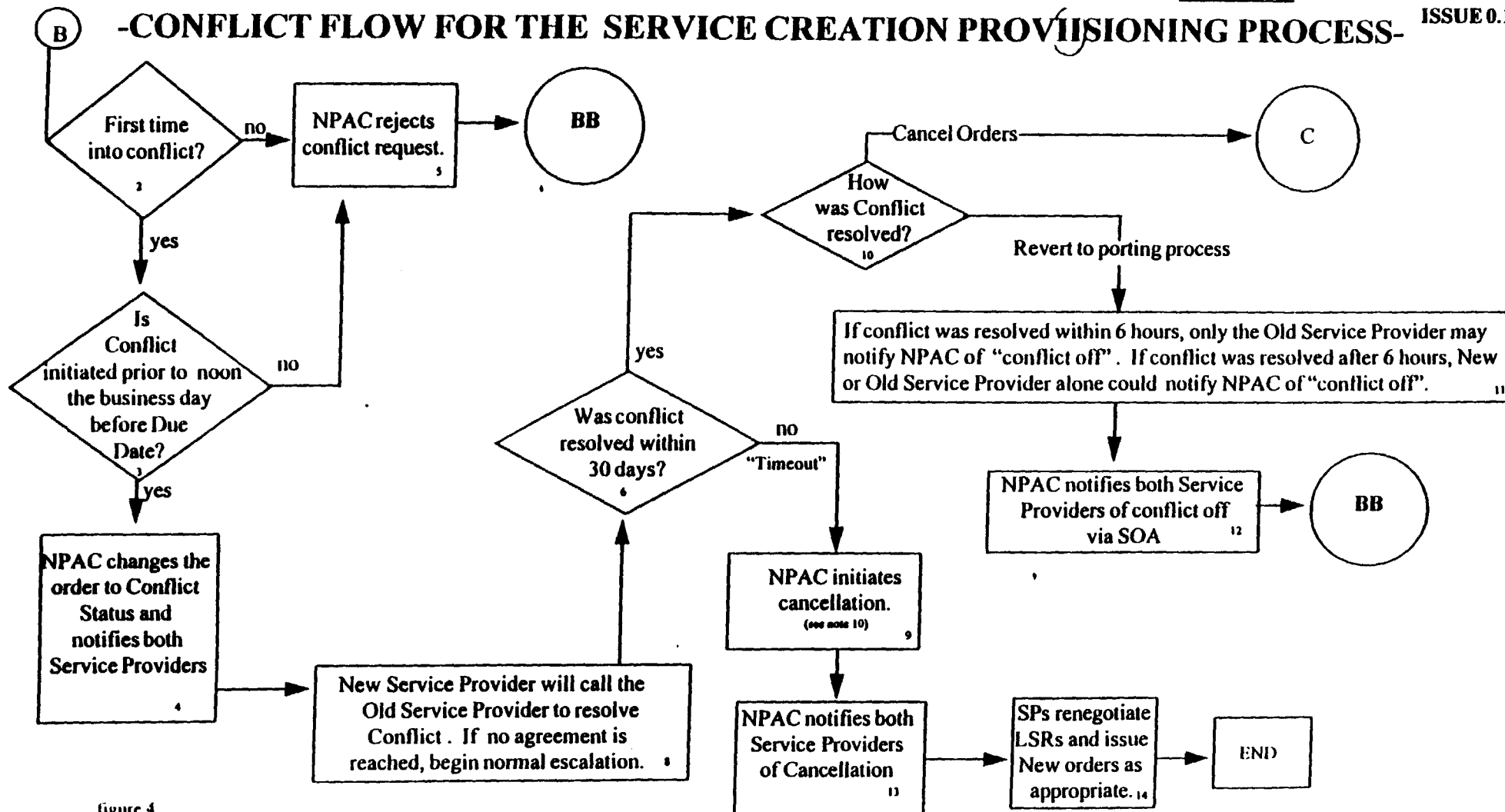


figure 4

INTER-SERVICE PROVIDER LNP OPERATIONS FLOWS - DRAFT **- CANCELLATION FLOWS FOR PROVISIONING PROCESS -**

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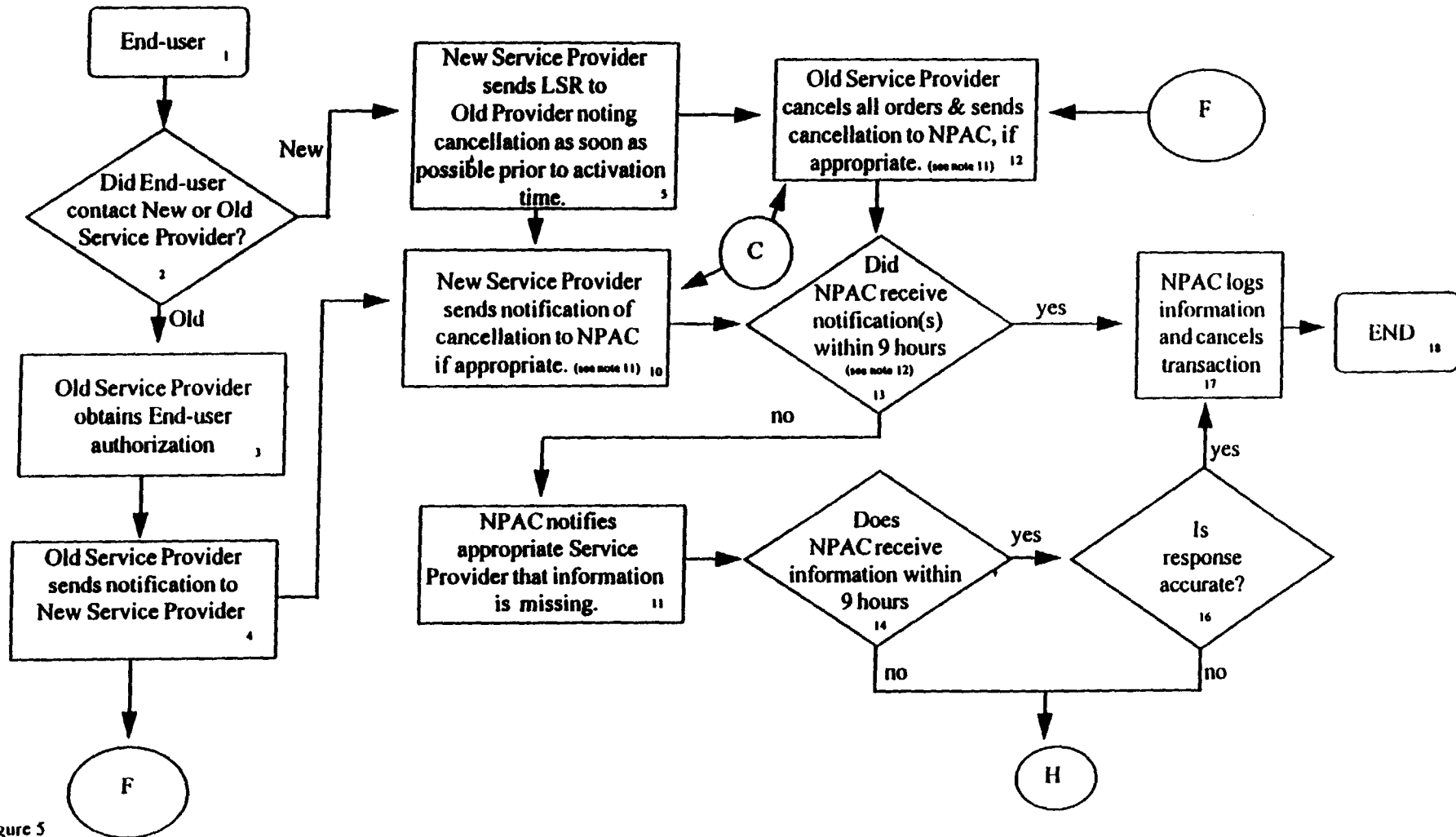


figure 5

INTER-SERVICE PROVIDER LNP OPERATIONS FLOWS - DRAFT **- CANCELLATION CONFLICT FLOWS FOR PROVISIONING PROCESS-**

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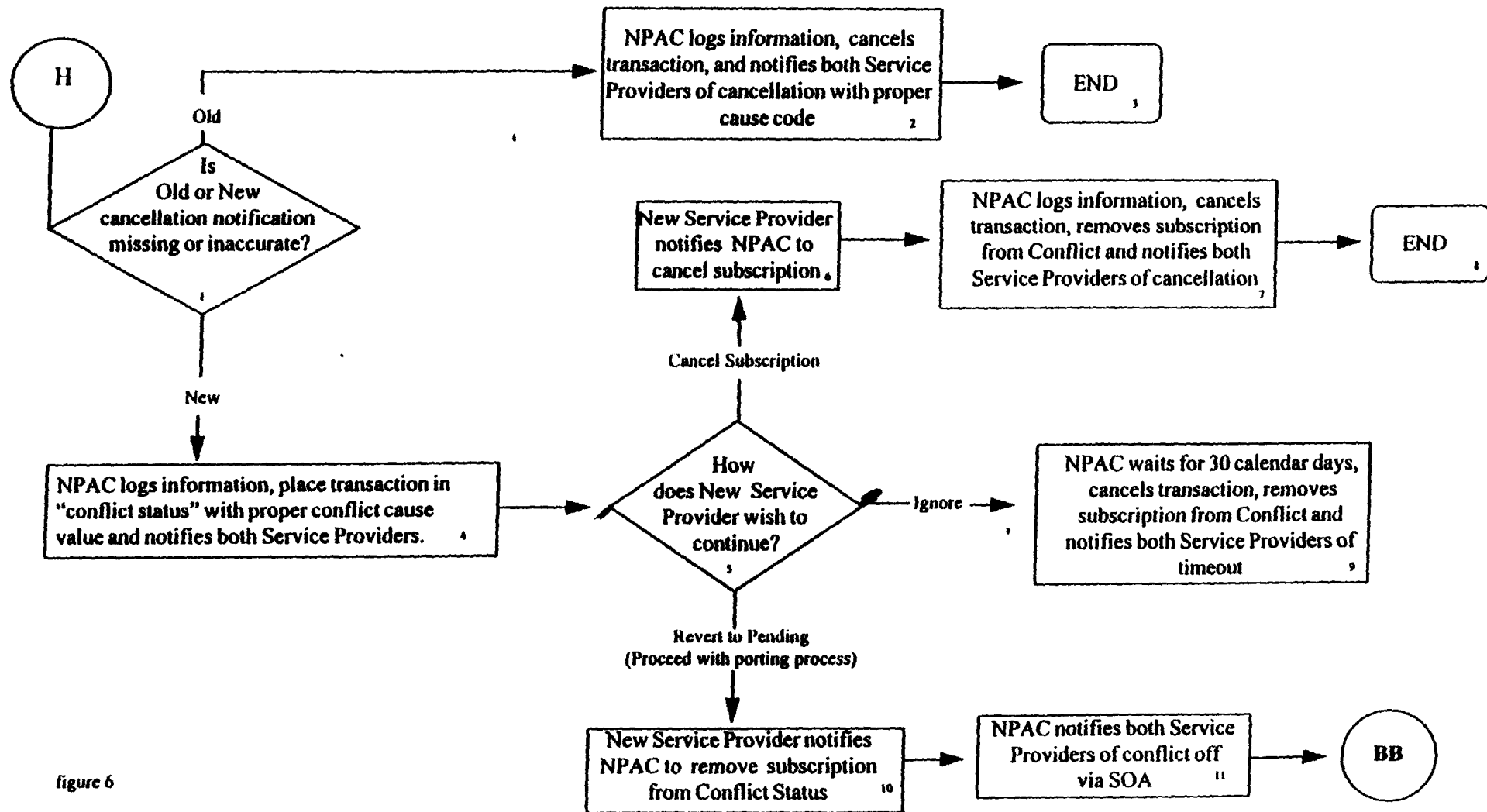


figure 6

INTER-SERVICE PROVIDER LNP OPERATIONS FLOWS - DRAFT - DISCONNECT PROCESS FOR PORTED TELEPHONE NUMBERS -

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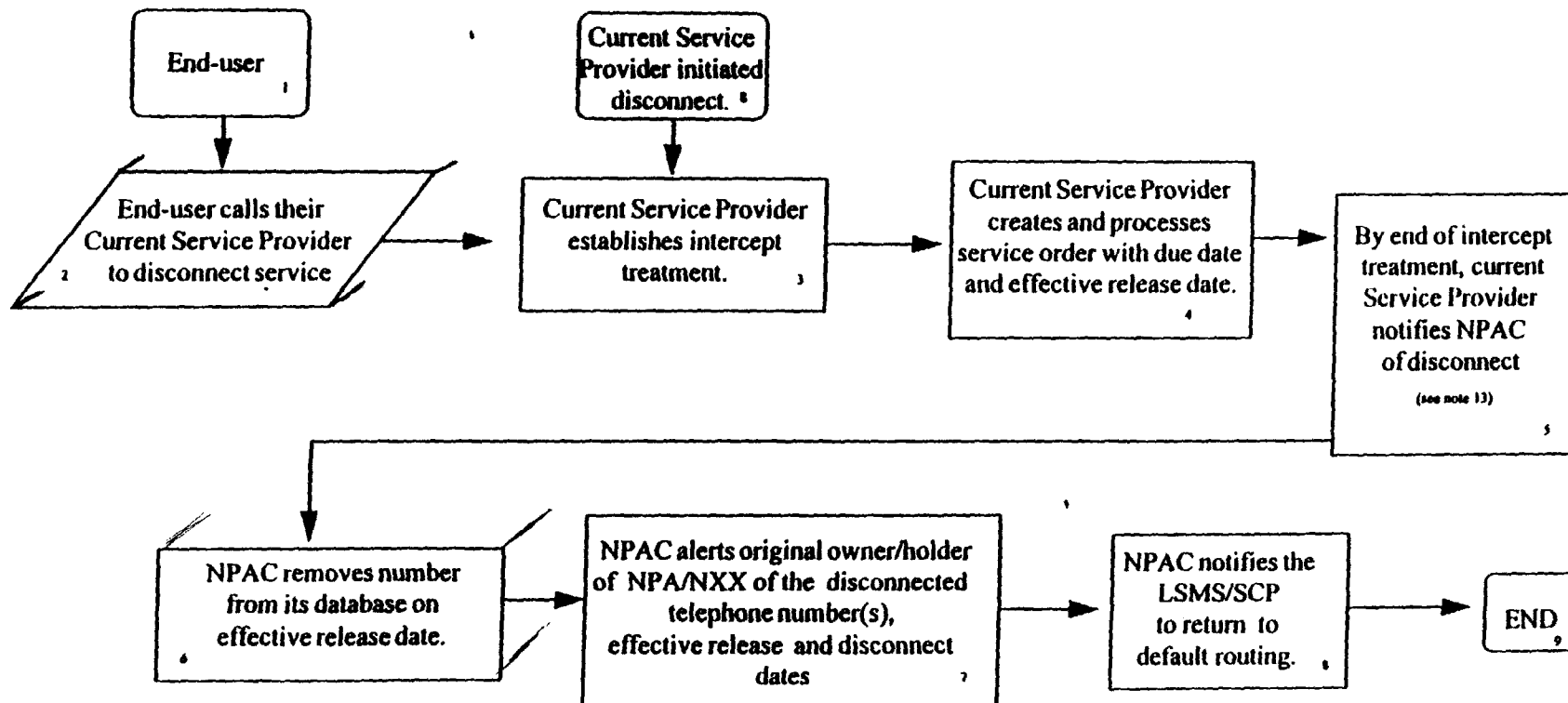


figure 7

INTER-SERVICE PROVIDER LNP OPERATIONS FLOWS - DRAFT **- REPAIR PROCESS -**

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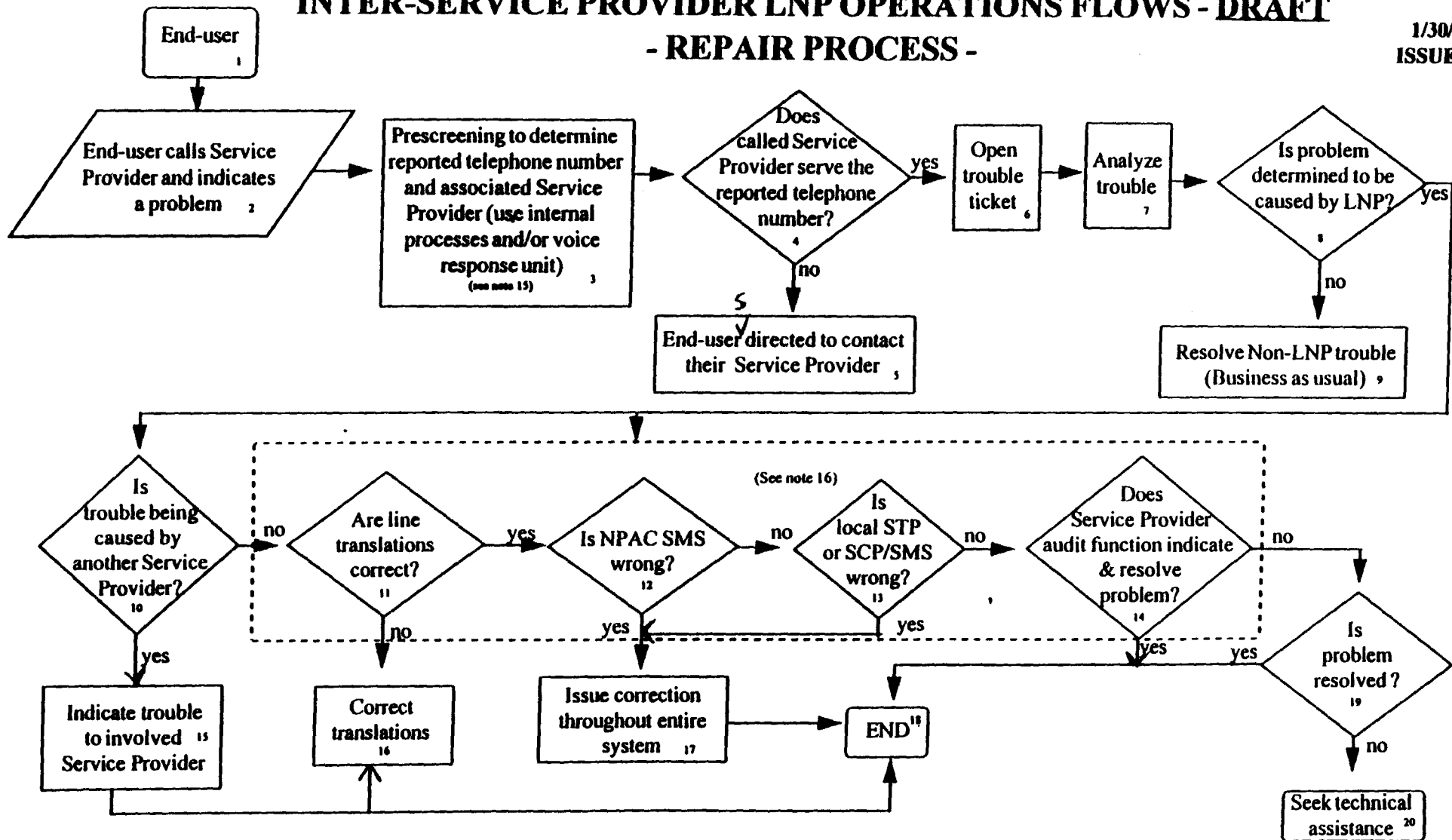


figure 8

INTER-SERVICE PROVIDER LNP OPERATIONS FLOWS - DRAFT

- NOTES -

**1/30/97
ISSUE 0.1**

Note 0: These flows are intended to represent inter-company LNP processes. For complete specifications of all processing conditions, refer to pertinent requirements specifications documents.

Note 1: If coordination is requested on the LSR, an indication of yes or no for the application of a 10 digit trigger is required. If no coordination indication is given, then, by default, the 10 digit trigger is applied.

Note 2: NPAC/SMS processing timers will include business hours only except where specified. Local business hours are to be defined as 12 daytime hours per day on Monday through Fridays, except holidays.

Note 3: Check Concurrence Flag Yes or No. If No, a cause code for Conflict must be designated. Old will make a concerted effort to contact New Provider prior to placing subscription in conflict.

Note 4: Due date on creation message is the due date on FOC. Any change of due date to NPAC must be the result of a change in FOC due date. The FOC Due date will be no earlier than 3 business days after the FOC receipt date, except for the first telephone number being ported in an NPA/NXX.

Note 5: Large complex porting LSR's may extend the FOC response beyond the 24 hours.

Note 6: No NPAC subscription version may activate before the FOC due date.

Note 7: 10 digit trigger may optionally be applied by New Service Provider.

Note 8: Old Service Provider may remove all translations no earlier than *(time to be specified)* of the service order due date.

Note 9: No NPAC subscription version may activate before the FOC due date.

Note 10: From the time an order is placed in conflict, there is a 30 day limit after which it is removed from the NPAC database. Subscriptions may be modified while in the "Conflict state". (i.e. due date)

Note 11: Cancellation request is supported only if Service Provider has previously uploaded into the NPAC, otherwise reject.

Note 12: NPAC tests for cancel pending resolution acknowledgment based on which Service Providers previously uploaded into NPAC.

Note 13: If no effective release date is given the default will be immediate. The maximum interval between disconnect due date and effective release date is 18 months.

Note 15: Repair process may not be autonomous and may require coordination between Service Providers.

Note 16: These typical actions (as well as others) and their sequence are Service Provider specific, and may be performed at various stages of the repair process.